

Type-Site

In the new computer age the proliferation of typefaces and type manipulations represents a new level of visual pollution threatening our culture. Out of thousands of typefaces, all we need are a few basic ones, and trash the rest. So come and see

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Emigre
#18

Marvelous

a b c d e f
g h i j k l
m n o p q r
s t u v w x
y z A B C D
E F G H I J
K L M N O
P Q R S T
U V W X Y
Z 1 2 3 4 5
6 7 8 9 0 ? !

Marvelous. Typeface design by Elizabeth Davis.

Elizabeth Davis is in charge of all promotions, distribution, sales and editorial matters at the League office. She spends most of her time processing administrative information and proofreading articles on a computer—the same computer that it used for graphics and typeface design. One day, she came across Fontographer, a type design software, discovered how simple it was to “create” a typeface and decided to design one herself. She calls “Marvelous,” a typeface designed with as much talent and concern for detail, only of a different kind, as any traditional typeface. In the process she has created what some people in the graphic design community have expressed as happens on a large scale: typeface designs of a highly personal kind, not unlike handwriting. Although there is much concern over the degradation of type design standards due to the involvement of the untrained, we do not think that such designs are contributing to a new level of visual pollution, at least not until such typefaces are used without purpose.

UNSOUP
MAY 27
file #20

Type-Site

Handbook of the World of the World

EMIGRE

48
SHATTUCK
SQUARE
NO. 175
BERKELEY
CA. 94704
USA



E DI SCIULLO (PARIS)

mil Baines (LONDON)

VAN BLOKLAND &

T VAN ROSSUM (THE HAGUE)

m X (LOS ANGELES)

EMIGRE

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Cover

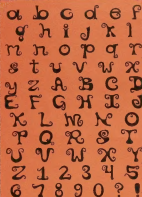
The poster shown in the front cover photograph is an announcement for the exhibition:

"The Masters Series: Massimo Vigorelli."

The exhibition was the third in a series of shows honoring the great visual communicators of our time. New York, February 10 to March 8, 1991. Shows with permission from Massimo Vigorelli.

Emigre
#18

h g a r v e



Harrelson: Typeface design by Elizabeth Dunn.

Elizabeth Dunn is in charge of all promotions, distribution, sales and editorial chores at the Emigre office. She spends most of her time processing administrative information and proofreading articles on computers—the same computers that is used for graphics and typographic design. One day, she came across Fontographer, a type design software. She discovered how simple it was to “create” a typeface and decided to design one herself. But come “Harrelson,” a typeface designed with much science and research for detail, only of a different kind, as you might expect. In the process she has created what some people in the graphic design community have expressed as hopes for a large-scale typeface design of a highly personal kind, not unlike handwriting. Although there is much concern over the degradation of type design standards due to the mechanization of the profession, we do not think that such designs are contributing to a new level of visual pollution, at least not until such typefaces are used without purpose.

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Type-Site

PIERRE DI SCIULLO (PARIS)

Phil Baines (LONDON)

ERIK VAN BLOKLAND &

JUST VAN ROSSUM (THE HAGUE)

Madam

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EMIGRE

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Cover

The poster shown in the front cover photograph is an
announcement for the exhibition
"The Masters Series: Maxima Sigefrid."
The exhibition runs the third in a series of shows
honoring the great visual communication of our time.
New York, February 22 to March 6, 1991.
Shown with permission from Maxima Sigefrid.

Emigre
#18

INTRODUCTION

PHIL BAINES

Phil Baines' work was first brought to my attention through *Baseline*, a British graphic design magazine published by Letraset. It featured examples of Phil's work, and alongside of it was a short description of his ideas and thoughts on typography. I was particularly intrigued and amused by the title of his St. Martin's School of Art thesis "The Bananas Mistook Legibility for Communication."

A year later I met Phil Baines in person. It was during Type '90, the international type conference held in Oxford, England. Phil was part of a small group of young British graphic designers presenting their work. They were introduced by Edward Booth Clibborn as the "The New British Wave in Typography." "If I were a client who needed something designed at this moment," Clibborn said "these are the designers I would hire." The young designers he referred to were the Thunderjacks, Why Not Associates and Phil Baines, all from London.

Although it was midsummer and England was basking in a heat wave of major proportions, Phil was the only one in a crowd of over six hundred type aficionados wisely wearing shorts. Phil often manages to stand out in a crowd, and while he considers himself in many ways a traditionalist, his work has already caused much controversy in England. When I spoke to Phil to arrange the following interview, it was actually snowing heavily in London. "I come from the north of England and am quite used to snow," Phil said. "Here in London though, everything goes haywire. Actually, the other day on the news, after the heavy snow had halted several trains, I heard the greatest excuse from a railroad spokesperson who said the trains had broken down because it was the 'wrong kind of snow.'" Phil also expressed a concern about the various bomb threats and explosions that had occurred in London over the past few weeks. When I asked him whether it stopped him from going out and around, he mentioned that it was mostly the underground train stations that were targeted, and that he usually rides a bicycle to work, and therefore didn't feel too worried about his own safety. This I thought was ironic, after having encountered the London traffic first hand, which was not exactly a mellow experience. The following four pages were written and designed by Phil. The interview running alongside the main text was conducted by telephone on March 31, 1993.

-Rudy VanderLans-

REALISATION

Realisation is a process of making something real.
more info: <http://www.realisation.com>

Realisation is a process of making something real.
more info: <http://www.realisation.com>

PHIL: I THING NG TO EARS C

Phil: I thing ng to ears c
more info: <http://www.realisation.com>

Phil: I thing ng to ears c
more info: <http://www.realisation.com>

Phil: I thing ng to ears c
more info: <http://www.realisation.com>

'clear enough to read'

(or: from idealism to relativism, a feeling-persons guide to legibility.) written & produced by Phil Saines (a.k.a. the v. real) shuigi.



The definition, above, of legibility, is so wide ranging and open that when we see anything purporting to be a hard-and-fast rule, we must treat it with extreme caution—either it is very specific, or extremely subjective.

Legibility & clarity as usually used, seem to be interchangeable, and rather than the all-embracing definition quoted—what is implied typographically is something absolutely unambiguous and self-effacing, protagonists can be either 'traditionalists' or 'modernists'.

Recently a student wrote to me asking for an interview for his thesis, warning me of his questions he asked, **How do you hold the**

opinions of past masters such as Herbert Bayer and Jan Tschichold on principles they introduced, such as for example one from Tschichold's 'Elementaire Typographie' of 1925, 'the purpose of all typography is communication. Communication must be made in the shortest, simplest most definite way.' Being a typographer, surely you must understand principles such as this?

in a fortnight I'm taking part in a public debate here in London on the motion 'the first consideration of typography is to be clearly read', and once more actress: wurde's 'crystal goblet' essay will be quoted, **You have two goblets before you. One is of solid gold,**

wrought in the most exquisite patterns. The other is crystal-clear glass, thin as a bubble and as transparent. Pour and drink [...] if you are a member of that vanishing tribe, the amateurs of fine vintages, you will choose the crystal, because everything about it is designed to reveal rather than hide the beautiful thing which it was meant to contain. [...] you will find that almost all the virtues of the perfect wine glass have a parallel in typography.

it's as if these things were told to Moses on Mount Sinai, what was said at a particular time in a particular context has become dogma, but dogma, like the institutions described by Ivan Illich [...] create certainties, and taken seriously, certainties deaden the heart,

and shackle the imagination.

INTERVIEWER: When I first met you in Oxford you mentioned that you had studied to become a priest. How did you eventually end up studying art?

PHIL: I studied art, as I said.

INTERVIEWER: I decided, at an early age, that the priesthood was something I really wanted to do, although I

don't come from a particularly religious family. So I attended a

junior seminary, a Catholic

'boarding school' type of place from

age 11 to 18, and went straight

through there, finished school, and

then went on to the senior

seminary with every intention of

becoming a priest. The course is six

years long, but I left after three

years and two weeks. While I was

at the seminary, I was always

playing around with art. My

reason for leaving wasn't so

much due to a loss of faith, it's just

that it wasn't what I wanted to

do. I realized I wanted to be involved

with art. I wasn't clear about what

type of art exactly. I was in there,

and I was in London.

INTERVIEWER: Was this in London?

PHIL: Yes, I grew up in the Lambeth

area of London, which is in the south-east

corner of England, and the

seminaries were established in

London and in other parts

of England. You would like to

know your foundation course at your

local art school, so I attended

Carfax. After that, I decided that I

wanted to go to a London college

and I applied to both St. Martin's

and the Central School, and got in

at St. Martin's.

INTERVIEWER: Wasn't that a coincidence

that you studied at St. Martin's

in London, having attended

the seminary, and then in

London and art school?

PHIL: Yes, but each, at the time,

was doing a very much wanted to

do, therefore it seemed quite

normal. So from that in 1961 I

started graphic design at St.

Martin's. I was there at the same

time as Andy Allom and David

White, who, after graduation, founded

the Why Not Association. All of us

wanted to go to St. Martin's

because it was known to be fairly

free, and you could pretty much do

what you wanted to. At times this

was strange, because in the end it

felt as if you had to be 'taught

much.

INTERVIEWER: Actually, you mentioned

this in the headline article. You

said that your senior realized you

had been taught typography well

your year in the Royal College of

Art.

PHIL: Whatever we learned at St.

Martin's was done on the way, so to

speak, in a sense, I think we were

taught very well, we were just

never taught very dogmatically.

They were said: "This is the way to

approach graphic design." Perhaps

at times I felt that we were not

taught as well as we should have

been, but I think that's a bit of a

misleading statement. I found

that when I went to St. Martin's, I

found out that some students knew less

than I did.

INTERVIEWER: How difficult was it to

move on to the RCA? Was it that kind

of the top of the hill to come to

studying graphic design in

England?

PHIL: Yes, there were many RA

students in England. There was the

RCA, which is rather general, old

General RA, which was degree by

degree, and Reading University,

which is typography based. That's

about it. The RCA is now a two-year study.

EMIGRE: While at St. Martin's you created a series of controversial postcards both in terms of design and content. In *Baseline* magazine it was mentioned that "the contents of some of your postcards are taken badly and cause offense." Who were you offending with these postcards? Were people offended because it was such experimental design or were you actually putting people down in these cards?

PHIL: First of all, the postcard project was something I set myself to do to explore letterpress. They were all produced in the evenings after 'proper' college work was over. I intended to do a postcard a month. They started off as printed pieces that I could send to people instead of letters. They are all diary-based. And yes, at times I was putting people down in them, definitely. Whenever I disagreed with certain people, I tended to put it in the cards. So the words were very important, but the postcards were also exercises in leading and spacing, etc., and I didn't worry too much about the text falling apart entirely at times.

EMIGRE: Actually, much of your work is quite hard to decipher. I have to sit down and strain myself to be able to read and understand. The pleasure I derive from it is mostly on a visual level.

PHIL: If people don't take notice of a printed piece, they are not going to read it. So the first thing I try to do is to get them to look at it. However, my work tends to get clearer the more public it gets. My most illegible pieces are the ones that I do for myself, such as the postcards. These go out to maybe 150 people, and I know they're going to put in the effort to decipher my work. The more public work, such as the *Typewriter* cover for instance, tends to be a lot simpler, but it tries to use some of the experiments.

EMIGRE: Did the schools you attended push you in any particular direction?

PHIL: Not really. When I started producing the postcards, my tutors at St. Martin's liked what I was doing and they encouraged me without questioning how I was going to apply it later in my professional life. And I put that decision off for another two years when I attended RCA. There I wanted to continue doing more letterpress and more typographic experimentation. I had a need to loosen my graphic design work a little. I'd been keeping collage sketchbooks and wanted to add collage to my graphic design as well. Those were the two things I wanted to pursue.

However, once I attended RCA, I also started doing bits of freelance work and through my involvement with letterpress I actually became involved with designing artists' books, but in a very traditional mode, which I also quite enjoy.

This is my conservative side. Through letterpress I became more involved with printing as a craft and detailing: getting the letter spacing and line spacing, etc. just right and so on. To a degree I am sort of a Jeckyll and Hyde character. And I know very clearly when I can't get away with the expressive side. I end up arguing against myself in my own work.

EMIGRE: Were you ever concerned about whether you'd be able to continue using letterpress after graduating?

PHIL: Not really. I always regarded the letterpress as a way to experiment, not really relevant to working. Although it was relevant in a creative sense, because it put

artists' books; from left, **A Humument**, Tom Phillips, 1980. **Interpolations in Hegel**, Ian Hamilton Finlay, 1984. **Bound Image**, 'collabo', Phil Baines, David Blamey, Christopher Cook, David Phillips, Jake Tilson & John Watson, 1988.



in 1984 I was in my second year, (Graphic Design degree course) at St. Martin's School of Art, and while our studio teaching was thorough but not didactic, our design history lectures seemed content to present 30 years out of a possible 4,500. In my first year I had been enthralled, but I began to attend the 'wrong' kind of seminars: Fine Art ones, with a poet—Sandra Stevens—we looked at language, poetry, communication across a much broader spectrum. I read McLuhan's 'Gutenberg Galaxy' with its enthusiastic simplifications of **print** and **manuscript** culture and I started hand-setting type and to print letterpress postcards.

My early cards reflect all these new influences and enthusiasms. I was interested not in clarity but expression: I used weight, no word spaces, broken words &c., to create texture, interest and to beguile. The words were important too, a chance to knock a few people which wasn't always welcomed.

BUTNOTLIKEM
aggieandpeter,thankgod(room
tolive).walknotperverted,wa
lkwithreligouslanguage.ifyo
uarestandingonahighmountyo
ufreeandhappy(seeingfurth
erfromuphere).phil:apr.84:hav
eableedin'guess...orsomething

typographical exercise for october 1984: a 30 pica measure, split vertically into 10 pica columns, and leaded, 0, 1, and 2 points respectively. typography: one thing that should be taught in a directive (and enlightened) manner, and isn't, yet people might overcome their fear, might understand the al'te, might see some of the possibilities; I'm just starvell irland's directive te... sentences fall apart like a 'designer' approach, it's a changing method, his absolute to experiment, and wonder vocational bias he represents... what happened to develop his talents, better, and art!... I thought I'd come here to learn, t om another era. I hope (ome a better person even people's spirit survives... he course survives, but not turn out crap fe may be right, meanwhile, 'what spirit' said andy, more than that, I hope p it to be to eric gill's 'world (wonder where my disre 'it's gone', and I fear he for t' thing is hardly kind in which the notion of gard will lead... I'd like work is the life & love accords and very little desire spare time hardly exists, mpanies it'. (from, an east, a world wherein the w ay on typography, 1931).

(Q: who made me?)
WITNESS: 'ideas hy broken only by some affected idea of M. phas -graphics': a language is, or worse: style! for the visually-inept.
WITNESS: the bitc nt's insistence on clarit hing and back-biting; i y (boring bastard). t's getting like a fashion -course (but that's anot her story!).
WITNESS: the line ar nature ('MODERN' WITNESS: the degr : ha-ha!) of peoples ty ee-show-clean-monoc

pograp
hrome - cream/jobs equ al success/relevant to i ndustry/mediocrity.
WITNESS: the end of Andy Vargo's non-te aching method.
WITNESS: words st ill better than work (sti ll better than the others?); one year and countin g...
(A: phil made me from metal in June 1984.)

All this personal background is necessary to put this next bit into context.

My thesis put all these thoughts in some semblance of order. It was based around the print/manuscript duality: **print**; a visual experience only, led to industrialisation and speed, legibility and clear communication present information as facts rather than experience. On the other hand: **manuscripts**; an all-sensory experience. Reading was aloud and slow. Communication was often by prior-knowledge as well as by experience. The title page is reproduced opposite.

(my summary)

ad²

fo

1,2,3,4:

Moholy-Nagy: in 5 p.9

El-Lissitzky: in 5 p.9

Herbert Bayer: in 7

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Moholy-Nagy: in 9 p.117

The title of this thesis could well be: 'The BAUHAUS mistake: legibility for communication, (it's a man's world).'

'...once more it was affirmed that at typography is not self-expression, but that it is founded in a condition and conditioned by the message it must convey, and that it is a service art and not a fine art, however pure and elemental the discipline is.'

'Clarity must be emphasized since this is the essence of our writing as compared with the pictorial communication of ages ago. Foremost therefore: ABSOLUTE CLARITY in all typographical works. LEGIBILITY-COMMUNICATION, that is, must never suffer from a priori assumed aesthetics. The letter-forms must never

The writers of our typography books bow down in admiration and awe: 'Typography must be clear communication in its most vivid form... clarity is the essence of modern printing.' '...the individual element - the artist's touch - is of absolutely no consequence.'

A new and richer vocabulary or a one directional (fast-forwards) world?, the white-gods or just boring bastards? The writers of the typo-books share the same world view as aforementioned 'b.b.s': starting from zero, the international spirit, logic, and mathematics, (more pipe-dreams than any (R) Catholic ethic!) they forgot:-

- 1: What man is.
- 2: What words are.
- 3: WHAT WORDS CAN DO.
- 4: How words have been WRITTEN and PRINTED in HISTORY...

But how can you be a typographer without fully understanding these things? Let's ask the question, let's make a moral issue out of it... THIS IS A COLLEGE, many answers to these questions and others, a series of loose-ends, paradoxes, the political-historical-cultural BACKGROUND TO TYPOGRAPHY; (make-your-mind-up-time), putting The Bauhaus in its place- it really isn't that important.

After he tried to use the visual, spatial, qualities of signs to express the same, his own

Printed by Phil Baines at 'Typo-house', between 9.84 and 2.85.

'...language when truly comprehended aspires to the condition of music. By a gradual loosening of mythic and magic, the song lurches and stumbles of its own accord, crashes, rumbles and collapses.'

Emigre strives to escape from the linear denotative, logically determined bonds of linguistic syntax into what the poet takes to be the simultaneousities, immediacies and free-play of musical form.'

'Apollinaire was a singing-poet, and he didn't cease to be a singing-poet when later he tried to use the visual, spatial, qualities of signs to express the same, his own

George Steiner: in 6 p.62

Jim Shelley: in 8

Stephan Thoreau: in 10 p.17

things in my creative bank, so to speak, which I could draw on later. I never thought of it as an approach I could use for commercial work and I never intended to be a printer either.

EMIGRE: Has studying to become a priest had any influence on the work you did in art school? During your lecture in Oxford, for instance, you made many references to Gutenberg's 42 Line Bible and scribes' manuscripts and the way scribes used to break words randomly to fill out lines, etc. You had obviously studied old manuscripts.

PHIL: That is coincidental. The manuscripts came after the priestly bit. Most of my interest in the old scribes' manuscripts came from reading Marshall McLuhan's *The Gutenberg Galaxy*. And at the same time I was reading McLuhan, there was the "1066" exhibition in London, the first of three major exhibitions about English culture covering the period from 900 to 1300. I don't think that studying to become a priest influenced any of my work, really, except that maybe, because of the priesthood, I was slightly more in tune with what was going on in the manuscripts.

EMIGRE: In the article for this issue of Emigre, you mention that Modernism has failed us. Do you mean that it has failed the world of graphic design as a whole, or that it has failed you as a graphic designer who works in a very specific area of design where Modernist ideas have never really quite worked, and maybe where it was never intended to be used?

PHIL: I think it failed in total. The trouble is that it has become a dogma. It has become a method by which one places little grey blocks onto the page. But when I say that Modernism failed us, I am well aware of the generalization.

However, it is important for me to throw the mantle off, so to speak. Because there are so many illogical notions that came down with Modernism, such as the idea that sans serif typefaces are more legible than serif typefaces, for instance. Or that clarity is always most important. These are myths, but they pretend to be scientific, objective, truth. I think Modernism never really found the sort of widespread home in England as, let's say, it did in Holland. I think Modernism in England has always been a kind of design for designers.

A kind of insider, elitist vocabulary, rather the "universal" visual language it was supposed to be. British design has been dominated primarily by the type of "Ideas Graphics" as produced by Pentagram or, more recently, The Partners. The smart, clever idea type of design, very much like advertising, which is what we rebelled against at college.

EMIGRE: You also mention that you think the best graphic design comes from people trained in painting and printmaking. Could you elaborate?

PHIL: What really irritated me about my graphic design education was that it was all about graphic design, and nothing else. You never saw any artists' books, you never saw any concrete poetry or all those great artists who were working with words. If you approach graphic design from a visual point of view, as I tend to do, there's much more to learn from painting and printmaking than there is from graphic design. That is why I quoted that again. I think that the references in graphic design education, as I experienced it, were not wide enough.

EMIGRE: On page 6 of the YAK portfolio you state: "I have no

left/right
forget/remember

[ab]³

BY ELIZABETH DUNN

Of all the things I have been called in my life, anal retentive has never been one of them. Attention to detail is just not my forte. Typographers, on the other hand, are not from a different cloth than I.

When I designed my fabulous typeface *Marvelous* (see inside front cover), I was but a child in the world of typography. I got out the old *Fontographer* manual, got bored immediately when I realized we didn't have any of the training discs around, and leapt without looking. Now, I look at typefaces a lot more consciously, and understand better why I think some are good and some are bad. And yet still, I think designers would be shocked to realize how little most people even notice type, or design. Well, I really shouldn't put words in other people's mouths--when I speak of most people, I guess I mean most people like me. The average person on the street, I have a BA, but in the Humanities (Religious Studies), not in Visual Communications--nor do most college grads. I know that certain magazines and restaurants etc. look "hipper" or more "elegant" than others, but I never knew or even wondered why. I wanted to say something about what people like me think about type.

I was stumped. What do I think about type? The answer, embarrassingly enough, is nothing. I don't really think about type. I talked to some of my peers. None of us are designers, yet we are all conscious of good design. But a good serrated fanline is just as interesting to us as, for example, *Intercom*.

We were all sitting around. Keith, Amy, and myself, drinking coffee. I said to Amy, "I'm writing this article about type and I don't know what to say. I don't really think about type, and when I do think about it, I just either think it looks good or it looks bad. Do you think about type?"

"Totally!" Amy says. "My type is sort of the Angry Young Man--you know, skinny, black leather jacket, unkempt..."

Keith interjects, "I like clean cut, preppy girls, with really..."

I roll my eyes. This is what your Everyman thinks about instead of type. "Not that kind of type! I mean like, you know, letters."

Two blank looks.

"You know, when you read a magazine, sometimes the letters are one style, sometimes they are another style. Typefaces."

"What about them?" says Keith.

"Well, I don't know. If you are a designer, typefaces are important because they affect the way what you are working on looks like. There are lame typefaces, like this one called *Dom Casual* which looks really cheesy, and some are really good, like this one called *Bunny Tare* and all the letters have these big bunny ears coming off the top of them..."

Keith says, "Well, so what's there to think about? Why don't people just pick the ones they want?"

"Well, actually, designers argue about typefaces all the time. Some designers are very cranky and they want everything to look a certain way, their way. They think there should be about five typefaces so that people read the words instead of look at the words without getting the meaning. Then, some designers just pile on all kinds of different typefaces, and there is no design coherence--it just looks like a big mess."

Amy says, "But the melting pot is the American ideal--doesn't it apply to everything?"

Then Keith yells, "Who cares?"

I must confess, that I really don't know why anyone even cares. If someone wants to make something with two typefaces on it, no one is going to force those cranky designers to read it everyone should just be able to do whatever they want. These are just corporate reports and magazines--not the *Dead Sea Scrolls*! I can't believe people argue about serif. I'm baffled by the title or death importance with which typefaces are discussed. It may be naive, but if some people don't like the way something they are reading is designed, well... so?

Some fonts look like they are saying something. My font looks like it is saying "WHEEEEEEEEE!"

Bongalat Frisky looks like it is saying, "Hey there, baby, can I buy you a drink?"

As I was looking through a typeface book, I compiled a list of what I considered to be the best typefaces. After I made my list, I was informed that some of these are currently the trendy faces--perhaps I have prophetic taste? Or am I a giant trendy sponge?

Uppercase

Bernhard Fashion

Caslon Open Face

Copperplate

Parisian

I also noticed that typefaces have extremely strange names. Below are those that I consider to have the best names:

Antique Olive (twice)

Candida (sung by Tanya Orlando and Bawa; also the Latin name for a yeast infection)

Futura Maxi Light (feminine protection of the future, or beer?)

Minister

Peppita

When I used to look at a sign, it never occurred to me that a person had sat down, thought about how they wanted all the letters to look, drew them out painstakingly, and then painted that sign. I thought that signs and stationary and menus and all that kind of stuff just existed, and there was no real reason why each one looked different. Things had the appearance that they did because it was just their fate. I guessed. Some restaurants had expensive looking signs and menus, because they were expensive restaurants. Diners which had that sixties, "Denny's" font, you could tell right off the bat to just forget about the coffee. I always liked signs and type that looked like it was from the sixties or early seventies, but as much as I liked it, I always got the feeling that little else about an establishment had changed in all those years. Like the sheets in a hotel or the mayonnaise in a restaurant. You know?

Then, it all changed when I came to work for Emigre. Tzuzana Liche is a type designer, which is a job I hadn't even known existed. The more I learned about type, the more my perception of the commercial world have changed. (I also learn a lot about designers--they are always behind dead lines and they never plan ahead! Stop calling us at 4:30 pm when you need a typeface the next morning!) However, I still think that it is possible that the way things are presented, commercially, to the world have a lot to do with their intrinsic nature and not wholly with the designer's vision. I think that Coca Cola would still sell just as much even if it was designed with Robo, and people wouldn't eat more Spam even if it were set in Park Avenue. But I'm sure designers all over the world are disagreeing with me.

PIERRE DI SCIULLO

The pages presented here are an adaptation for Emigre of certain chapters of the "Reading Manual" that was published in March 1989. This adaptation, which was conceived in February 1990, is not irrelevant to current international events.

... de Supra

And? *Khanqah* is a collection of handwritten, political essays which come out irregularly. The one and only image in each issue is created around a different subject. *Khanqah* was a handbill for independence from the British, for the *Khanqah* for democracy. It was not a book for the masses, for the masses. The word *Khanqah*, which is a religious word, is used to describe the collection of essays which are really propaganda, such as a newspaper, a magazine, a book, etc. It is a collection of essays, a collection of essays.



Career-Shift Variable No. 1

Get *Writer's* No. 8 is a reading manual: a handbook for people who can already read and those who want to learn, to show them how to read between the lines of detective Clyde's case.

la CONSCIENCE,

mon bon seigneur,

mais OÙ cela SE TROUVE-T-IL ?

If I know it, I know it.

si C'EST une engelure

Aux pieds,

if it were a hole.

que l'on m'apporte

mes PANTOUFLÉS.

I could get me my slippers.

Quantange - introduction

Quantange is an orthographic-phonetic-plastic typeface applied to the French language. It is a guide to French pronunciation through graphic correlations between the signs and the sounds, while at the same time respecting the spelling. The text is thus comparable to a music score. In addition to the actual meaning, it indicates the pronunciation, the rhythm and, possibly, the intonation.

In a song score, this information is represented by supplementary signs which require the organized space of the staff, parallel to the text, in the order to permit a simultaneous reading. Here, on the contrary, the indications form part of the text itself, through the use of its various components: the syllable, the word, the punctuation.

The grapheme is the basic unit. One or several graphemes constitute a phoneme, a sound. The same letter as several shapes when, on its own or combined with a group, it changes pronunciation. The shape corresponds to the sounds by simple analogies. For example, the low 'a' in the word *mat* is more compact compared to the open 'a' in the word *fat*; 'é' is closed while 'è' is open, and the word *pau* is pronounced as 'ô'; there is a resemblance between the shapes. In the case of double consonants, the second one diminishes in size; it is seen to be smaller and is therefore pronounced less. Sometimes the shape has no justification other than to give the letter some prominence, or for the mere pleasure that it should be so.

The complete list of graphemes with their corresponding examples is to be found below. At the smallest scale on the line, legible but discreet, are the mute letters, the "transparent" graphemes which provide evidence of the evolution of the language, clarify its structure and point towards the meaning of the homonyms.

As for the liaison letters, these are on Scale 1. They still belong to their word by proximity but are linked to the following word by their shape. As a number of liaisons are optional in French, Quantange can only provide an interpretation rather than an ideal transcription of a text. The Quantange system has its limitations. I created it with an empirical knowledge of language, without any theoretical foundations. This implies certain faults which specialists will hopefully forgive. My starting point was the French I speak, the Parisian of 1989. Despite this origin, I hope that all French speakers will discover a familiar melody through Quantange.

Quantange can be used for:

- ancient texts, to revive their harmony,
- the learning of the French, through a rapid display of its spelling and pronunciation;
- certain types of texts in which the author wishes to emphasize the links between his writing and the spoken word: interviews, dialogues, plays,
- scores for songs;
- the French section of bilingual books, to underline the translation's voiced equivalents;
- the publishing of the complete works of Karl Mark in the scholarly Pléiade collection

Quantange consist of 106 lower-case characters and 35 capitals.

single letters and homophones combinations.

â the high 'a' as in *alpage* Its steady sound is suggested by the square shape.

a the low 'a' as in *bas* It is flattened in order to descend to the stomach

â the same sound but with the addition of an accent: *Tâte la marâtre*

à idem: *déjà qu-delà*

b well rounded, pot-bellied and seated *boit beaucoup de bière*

ç the cutting 'c' as in *tailler la robe*

c the round soft 'c' as in *ceci cône cetes*

ç idem. The cedilla makes it similar to 's'. *un reçu agaçait*

◌C with a small 'e' as a bonus >CimCe

d is harder than 'd' dindon dodu

e the most variable letter - here 'e' is closed or half-closed je me le hie te ce ne ze

é a closed 'e' plus accent énérvé

ef the same sound louer un clocher

el the same sound parler assez

◌ an open 'e' in front of certain single or double consonants elle, esprit de l'objet

◌ the same sound - the 'e' is open inside a word père et mère

◌ the same sound - the 's' has disappeared être prêtre en forêt

◌ the same sound pleins de neige

◌ the same sound orai bafai abîrai

◌ a flattened 'e' in front of 'n' and 'm' enlèndre, ennui, temps

e is written as 'e' but is pronounced as 'a', thus the presence of the 'a' in the face of the 'e' femme apparemment

f sibilant and long like 's', with a similar undulated serpentine shape faire fivre des deux fusées

ph the same sound and shape philtre phantasmagorique

g the square 'g', close to 'p', is placed in front of 'o', 'u', 'a', and consonants. Un gogo gaga àime la cigüe dans le ragoût.

gu the same sound with the addition of a small discreet 'u' in front of a voiced 'j' and 'e' guignol dingue

g round like a curvaceous leg with a dot in 'j', it has the same pronunciation in front of 'j', 'q', 'e' gélule au gingembre

ge idem + a small 'e' in front of 'o', 'u', 'a' partager la gâsüre

h the leaping aspirate 'h' as in hep ! hibou !

h the calmer 'h' which abolishes the liaison in haricot, hâume

i the 'i' ! guilguili ririri riquiqui

î - den Nous aurions voulu que l'île pâlit...

ï - hâir

j - joli

k cutting like the c, and the h... kangourou

l tall, curve, soft le lin lui et l'or coule.

m amour mémoire mimétisme maternelle

n .. nos nanas nues nous narguent

o the high 'o' as in fort

◌ the low 'o' as in moi osé

◌ the same sound Trop TôT

◌ the same sound à à à l'air bades rides

◌ the same sound aux gâsüs

p the steady sound of prépu propre apte au priapisme

q cutting, sharp qat, coq

◌ a small 'u' as a mere formality in front of all vowels quând c' est la quue du quôta qui toque...

r rolling or cutting and rasping, especially when associated with another consonant grand rire clair en criât

◌ the serpentine sibilant 's' le sifflet instable criée et süssure.

◌ 's' as an invented 't' - between two vowels, in the same word or as a liaison un sosie trôs ans après

s the mute 's' which follows an 'e' to open it Tu es des fois



across illegibility

On this page and the nine following, the excerpt -
Hamlet, Act 3, scene 3, from Shakespeare - is
transmitted by cad ngs of the code. The code
[alphabets] der was, depending on the case, by
generators and by transmitters.

King
O, my offence is rank, it smells to heaven;
it hath the primal eldest curse upon't,-
A brother's murder! - Pray can I not,
Though inclination be as sharp as will:
My stronger guilt defeats my strong intent;
And, like a man to double business bound,
I stand in pause where I shall first begin,
And both neglect. What if this cursed hand
Were thicker than itself with brother's blood,-
Is there not rain enough in the sweet heavens
To wash it white as snow? Wherefo' serves mercy
But to confront the visage of offence?
And what's in prayer but this twofold force,-
To be forestalled ere we come to fall,
Or pardon'd being down? Then I'll look up;
My fault's past. But, O, what form of prayer
Can serve my turn? Forgive me my foul murder!
That cannot be; since I am still possess'd
Of those effects for which I did the murder,-
My crown, mine own ambition, and my queen.
May one be pardon'd and retain the offence?
In the corrupted currents of this world
Offence's gilded hand may shove by justice;
And oft 'tis seen the wicked prize itself
Buys out the law.

高麗參 高麗參(朝鮮人蔘) 高麗參(朝鮮人蔘)

[illegible][illegible][illegible]

100

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and incubated for 24 h at 28 °C. The plant tissue was then cultured on the selective medium. The transformation efficiency was determined as the number of transformants per 100 mg of plant tissue. The data are the mean ± SD of three independent experiments.

[illegible][illegible][illegible]

Figure 1. Schematic representation of the experimental design. The figure is divided into two main sections: 'Pre-Test' and 'Main Experiment'. The 'Pre-Test' section includes 'Pre-Test 1' and 'Pre-Test 2'. 'Pre-Test 1' shows a sequence of 'Stimulus' (a word) and 'Response' (a button press). 'Pre-Test 2' shows a sequence of 'Stimulus' (a word) and 'Response' (a button press). The 'Main Experiment' section includes 'Main Experiment 1' and 'Main Experiment 2'. 'Main Experiment 1' shows a sequence of 'Stimulus' (a word) and 'Response' (a button press). 'Main Experiment 2' shows a sequence of 'Stimulus' (a word) and 'Response' (a button press). The 'Main Experiment' section also includes a 'Post-Test' section. The 'Post-Test' section shows a sequence of 'Stimulus' (a word) and 'Response' (a button press). The 'Main Experiment' section also includes a 'Post-Test' section. The 'Post-Test' section shows a sequence of 'Stimulus' (a word) and 'Response' (a button press).

11. ☐ 12. ☐ 13. ☐ 14. ☐ 15. ☐ 16. ☐ 17. ☐ 18. ☐ 19. ☐ 20. ☐ 21. ☐ 22. ☐ 23. ☐ 24. ☐ 25. ☐ 26. ☐ 27. ☐ 28. ☐ 29. ☐ 30. ☐ 31. ☐ 32. ☐ 33. ☐ 34. ☐ 35. ☐ 36. ☐ 37. ☐ 38. ☐ 39. ☐ 40. ☐ 41. ☐ 42. ☐ 43. ☐ 44. ☐ 45. ☐ 46. ☐ 47. ☐ 48. ☐ 49. ☐ 50. ☐ 51. ☐ 52. ☐ 53. ☐ 54. ☐ 55. ☐ 56. ☐ 57. ☐ 58. ☐ 59. ☐ 60. ☐ 61. ☐ 62. ☐ 63. ☐ 64. ☐ 65. ☐ 66. ☐ 67. ☐ 68. ☐ 69. ☐ 70. ☐ 71. ☐ 72. ☐ 73. ☐ 74. ☐ 75. ☐ 76. ☐ 77. ☐ 78. ☐ 79. ☐ 80. ☐ 81. ☐ 82. ☐ 83. ☐ 84. ☐ 85. ☐ 86. ☐ 87. ☐ 88. ☐ 89. ☐ 90. ☐ 91. ☐ 92. ☐ 93. ☐ 94. ☐ 95. ☐ 96. ☐ 97. ☐ 98. ☐ 99. ☐ 100. ☐

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11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044

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(continued)

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Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C . The concentration of α -methylstyrene was 1.0 mol/L, and the concentration of SnCl_4 was 0.01 mol/L. The concentration of the inhibitor was 0.001 mol/L (a), 0.002 mol/L (b), 0.004 mol/L (c), 0.006 mol/L (d), 0.008 mol/L (e), 0.01 mol/L (f), 0.02 mol/L (g), 0.04 mol/L (h), 0.06 mol/L (i), 0.08 mol/L (j), 0.1 mol/L (k), 0.2 mol/L (l), 0.4 mol/L (m), 0.6 mol/L (n), 0.8 mol/L (o), 1.0 mol/L (p).

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Figure 1. The effect of the number of trials on the mean accuracy of the responses ($n = 10$) as a function of the number of items ($n = 8$). Error bars represent standard error of the mean.

0

(continued)

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group received a standard diet, while the experimental group received a diet supplemented with 10% of the total energy from fat. The subjects were divided into two subgroups: the control group and the experimental group. The control group received a standard diet, while the experimental group received a diet supplemented with 10% of the total energy from fat. The subjects were divided into two subgroups: the control group and the experimental group. The control group received a standard diet, while the experimental group received a diet supplemented with 10% of the total energy from fat.

Figure 1. Schematic representation of the experimental design. The first part of the experiment consisted of a familiarization phase, followed by a training phase, and a test phase. The second part of the experiment consisted of a familiarization phase, followed by a training phase, and a test phase. The third part of the experiment consisted of a familiarization phase, followed by a training phase, and a test phase.



A close-up, black and white photograph of a bottle cap, showing the ridges and the top surface, positioned on the right side of the page.

RASF



HEAD

1895

CD

WITH TOYS

King o, My offence is rank, it smells to
heaven; it's a's the primal eldest
curse upon't, - A brother's Murderer! -
Pray can I not, though inclination
sways sharp as will: My stronger guilt
defeats My strong intent; And, like a Man
to douf'le swinsed, I stand in
pause where I should all first swain, And
swot's neglect. What if this is cursed
hand were theicker than itself
with swot's brother's blood, - Is there no
rain enough in this's sweat heaven's
was it with it as snow? What are
serve's Mercy swut to confront this's visage
of offence? And what's in prayer swut
this's twofold force, - To swa forestalled
ere we come to fall, or pardon'd swaing
down? Then I'll look up; My fault is
past. Swut, o, what form of prayer
can serve My turn? Forgive me My foul
Murder! - What cannot swa; Since I am
still posses'd of this's effect for
which I did this's Murder, - My
crown, Mine own amission, and My
queen. May one swa pardon'd and retain
this's offence? In this's corrupted
currents of this's world offence's gilded
hand May swa's swy justice; And
of 'tis seen this's wicked prize itself swuy
out this's
law.

King D, my offence is great, it smells to heaven, it
bats the primal sinners' curse again, - It brother's
murdered - Pardon me ! Through indignation he as
strong as will : My stronger guilt defeats my strong
intent, And, like a man to double business bound, I
stand in pause where I shall first begin, And both
neglectful at it this cursed hand Were I liker than
beet with brother's blood, Is there not coin enough
in the secret heavens To wash it white as snow ?
Whence comes this murder ? But to confront the visage of
offence ? And what's in prayer but this threefold
hazard, To be forestall'd ere we come to tell, Or
pardoned being down ? Then I'll look up, My fault is
past, But, O, what force of prayer Can serve my
turn ? Pardon me my foul murder, that cannot be,
since I am still possessed Of those affects for which I
did the murder. My crown, mine own ambition, and
my queen May now be pardoned and retain the
state : It is the corrupted currents of this world
That make the blood of our clean blood, And all
the seed time which the price of sin Hath sown out
the bosom of, my offence is rank, it smells to heaven, it
bats the primal sinners' curse again, - It brother's
murdered - Pardon me ! not, Through indignation he as
strong as will : My stronger guilt defeats my strong
intent, And, like a man to double business bound, I
stand in pause where I shall first begin, And both
neglectful at it this cursed hand Were I thicker than
beet with brother's blood, Is there not coin enough
in the secret heavens To wash it white as snow ?
Whence comes this murder ? But to confront the visage of
offence ? And what's in prayer but this threefold
hazard, To be forestall'd ere we come to tell, Or
pardoned being down ? Then I'll look up, My fault

[illegible]

[illegible]

[illegible]

[illegible]

don't say

say

a strain for business
international law

people's republic
free press

republican monarchy
responsible democracy

brave soldier

aggressive history
surgical strike

patients' concerns

order for the people
half war

defendant's defense
last war

and 8-8-80 protests and 1-8-80

this is not our way

the more you know about

Seaborn is alive
journalists have a sense of national interest

yes well exactly Dan I am in a position to confirm

at least here where we are, that's more than likely

the most beautiful fireworks display I have ever seen

spontaneous self-criticism

we are preparing for
no to imperialist war

the coming of a new disaster

I'm stocking just in case

we're being teased

all our hopes in our own air

I went through this when I was twenty

we must start preparing right now

for the aftermath of the war

INTRODUCTION

ERIK VAN BLOKLAND & JUST VAN ROSSUM

Erik van Blokland and Just van Rossum both studied graphic and typographic design at the Koninklijke Akademie van Beeldende Kunsten in The Hague from 1985 to 1989. Erik van Blokland then worked at MetaDesign in Berlin, and currently works as a freelance graphic designer in The Hague. Just van Rossum worked for a short period at Monotype in England and then at MetaDesign in Berlin. Together these two young Dutch designers developed "random technology" which is explained and shown on the following two pages. Currently they are collaborating on a variety of projects under their group name letTerRur.

Is best really better?

Beowolf23
Beowolf22
Beowolf21



Is best really better?

By Erik van Blokland and Just van Rossum

The developments in typesetting, typesetting and printing have always aimed at the improvement of "quality." Compared to printing techniques as they existed in the early 19th century, we have indeed come a long way. We can digitally output the most perfectly drawn typefaces directly onto film in resolutions of up to 3,000 lines per inch. We can print in offset, in perfect registration, on the smoothest papers and fluids it off with layers of varnish, all at a speed that our 19th century forebears would find baffling. Technically we can create the ideal as printing ever, reaching the highest possible quality ever. Unfortunately, the results have so often become absurdly boring. The quality of a printed product, the high resolution of its typefaces, the perfect printing are not necessarily what made for good design or clear communication.

As a reaction to this development, we decided to create a typeface that would add liveliness to the page that has since long been lost using the most modern technologies available. Our typeface would have a high resolution distortion of its digital outlines with laughy rasterizing times as opposed to most developments in digital type: the unsmooth and slow versus the slick and quick.

Type has always been in flux. Gutenberg started with whole copied pages cut from a single piece of wood. All the characters were hand-cut and no two's were the same. And did anyone mind? Gutenberg limited handwriting because it was the only model of letterforms available at that time. He simply developed a process that was already there, but he succeeded in doing it faster. Only later, when the advantages of movable type explained, when hot metal type casting techniques made it possible to create large quantities of type in a relatively inexpensive fashion. This was also the period when letterforms started taking advantage of this new medium. Broken cut serifs so thin that it would have been impossible to produce them out of wood. It has always taken a while for people to realize the potential of a new technology.

Today's fonts work the way they do because they are still created in a hot metal, movable type kind of way. Their design is based upon the process of punch-cutting, which creates a matrix from which an infinite number of identical copies of each letter can be made. Digital type may even "crash" just as hot metal typesetting did. And, ironically, digital type has resulted in a revival of old style and non-lining numerals and even small caps. The usage of type is still based upon the proverbial type cases that were divided into different compartments, each for a different letter. When a certain letter is needed, it is put in line with the other letters to make words and sentences. Today the type case is replaced by a font and a digital printer.

Through our experience with traditional typesetting methods, we have come to expect that the individual letterforms of a particular typeface should always look the same. This notion is the result of a technical process, not the other way around. However, there is no technical reason for making a digital letter the same every time it is printed. It is possible to calculate every point and every curve differently each time the letter is generated by slightly moving the points that define a character in various "random" directions. We discovered that it was possible to create a font featuring these characteristics in PostScript; our result was Beowolf, the first "Randomfont" typeface of its kind.

Random technology, which is what we call the programming that is involved, is about letting the rasterizer behave randomly within the boundaries of legibility. Instead of recreating a fixed outline or bitmap, the Randomfont redefines its outlines every time they are called for. Thus, each character will be different each time it is printed. All the points that define the outline of any character will be nudged in a random direction. The distance moved depends on the parameters. For instance, Beowolf 21 has a little deviation, Beowolf 22 has a noticeable

wrinkle and the Beowolf 23 is definitely mad.

What is interesting about this typeface is that the deviations in the individual letterforms create an overall unity, and the liveliness of the page that we were after is accomplished. We also discovered an interesting side-effect when creating color separations for four color printing. Since the printer (Linotronic in this case) generates different outlines each time it prints a particular letter, the color separation will result in four different, non-matching, films. The resulting letterform, in print, will be outlined in bright colors.

While working on Randomfont we became aware that if we treated typefaces as computer data, instead of fixed letterforms, we could create some very bizarre systems. One idea was to connect a font file to a self-copying moving mechanism to create a virus font; a self-distributing typeface: a great way for young and ambitious type designers to get their typefaces known and used. No type manufacturer would be able to compete with that kind of immediate proliferation. Or we could change typographic awareness of computer users around the world by creating a font virus that would slowly transform every Helvetica into something much more desirable—the Post-modern typographer's revenge. Virowolves that travel around the world in a single day, with type designers getting paid by buying network shares. Or we could hand out our fonts at conferences and meetings, but after a while the files will turn sour, just like milk. A perfectly good font would turn random over time. A great way to force people to eventually buy a legitimate copy. And you better hurry, or the virus font will affect your other fonts as well!

We could release a typeface that deteriorates over time, slowly turning into a Beowolf-like face, scaring the hell out of its users. We could create letters that wear out through frequent use, combined with a feature that uses up certain often used letters. You want real letterpress quality? You can get it! How about a font that adds typos? Link a number of typos to a particular time of the day and simulate an erratic (human) typesetter, or a font that does not work over time.

If we put more data into our typefaces we can have some very intelligent fonts. Some applications could be quite practical. For instance, the data could include the information to create automatic ink traps that would switch on or off automatically, or as specified by the user, depending on the size of the type or printing technique used. A font would modify its outline when it is to be



printed in offset, or shown on TV or screened on wood, or whatever. Or, a typeface could research weather data, in particular the amount of direct sunlight on the spot where it will be printed, and modify itself to the best possible contrast.

The idea of Randomfont can be applied elsewhere too. Why should a letterhead always be the same? It can be slightly different each day. If you print your correspondence or invoices on a LaserWriter, you can have a randomlogo, a logo that changes itself, moves around the page or tells something interesting about your company, the person you are writing or the nature of the letter. The dynamic logo can be much more informative than its fixed alternative.

For years, graphic designers, especially those who subscribe to the ideas and philosophies of Swiss Design or Modernism, have argued that logos and typefaces should appear consistent to establish recognition. We don't think that this is necessary. Creating a randomlogo for a company, with letterheads and forms on which the logo would move around and change, does not necessarily decrease recognizability. Recognition does not come from simple repetition of the same form, but is something much more intelligent, something that happens in our minds. When you hear somebody's voice on the phone and he or she has a cold, you can still recognize who is talking. We can recognize handwriting, and even decipher how quickly a note was written, and sometimes pick up on the state of mind the person was in when writing the note. Randomness and change can add new dimensions to printwork.

Randomness within typography is not a revolutionary idea either. Typographers have always had to deal with randomness because type has always lacked standardization and consistency. One example is the measurement of type. With hot metal type everybody measured the body size of a typeface. With phototype and digital type, there is no body to be measured. Some people like to

measure the x-height, others the cap-height. Even the computer industry has added to the confusion. Software developers in different countries have each taken their national typographic standards and type measurement units and have written programs using their respective systems. This becomes a problem when, for instance, software written by an American developer is sold in Europe and the user must switch to the American measurement system. There are software programs that will interpret between the various existing measurement systems, but the conversions are performed internally. So two centimeters will inevitably be output as 2.00001 or 1.9999 centimeters. It never works precisely. Randomness will always exist. There is definitely not going to be a universal set of standards for type and typography. Maybe randomness is an inevitable result of human behavior. Gutenberg's letters came out looking slightly different each time they were printed. Letters wore out, some got damaged, the impression onto paper differed. However, overall the printed results had a vibrant and humane quality. At some point during the history of the development of type and typography, the graphic design industry decided that it was necessary to improve upon the "quality" of printing and type. In the process, due to economic and commercial considerations, much vitality was lost. We believe that the computer, although considered by many to be cold and impersonal, can bring back some of these lost qualities. Randomfont is our contribution to this idea.



type

a a a a i

INTRODUCTION

MADAM X

We know very little about Madam X. We know that she publishes Madam X's *Geert* magazine and, since recently, Madam X's *True Love* magazine. We have never met her, never spoke with her. She remains a mystery to us. We do like those magazines she publishes very much and we are particularly interested in why she *draws* all her type by hand. We figured she must have her reasons. So we asked her if she was interested in creating a little story about type. Following is what she sent us.



Cover Madam X's
True Love magazine




When Rudy suggested
an article on type I thought
"I don't know anything about it".
Then I realized type is emotion
behind the meaning of words.
See if you can see what I
mean in . . .

a Story



In the beginning
was a twirl
became a Great Lover
conscience of the world



*The type repeats to
continue the story*

In the middle
was a strife
became good and evil
the struggle of life

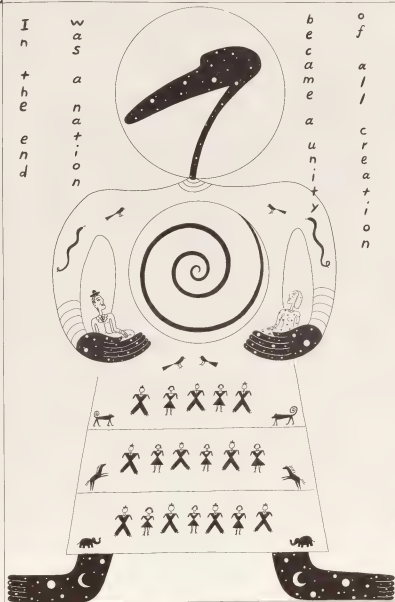
*Type speaks
where words
cannot*

In
the
end

was
a
nation

became
a
unity

of
all
creation



TYPE & STORY ARE ONE

Type is variety, like life, and we must choose. And as we pick our style to represent ourselves, a step is taken, and another bit of self is grown. And then we reach the end, only to begin again. Why not begin with us?

THE
HUMAN BEING
SOCIETY



WRITE:

Madam X

3747 Roberta St.
Los Angeles, CA, 90031

INCOIN the UN-forgivable

TEMPLATE GOTHIC

TEMPLATE GOTHIC BOLD

DESIGNED BY BARRY DECK

Read What Others Say
About Template Gothic
and Template Gothic Bold!

A B C D E F G H I J K
L M N O P Q R S T U V
W X Y Z a b c d e f g h
i j k l m n o p q r s t u
v w x y z { 1 2 3 4 5 6 7
8 9 0 } ! @ N ¢ \$ % & ?

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W X Y Z a b c d e f g h
i j k l m n o p q r s t u
v w x y z { 1 2 3 4 5 6 7
8 9 0 } ! @ N ¢ \$ % & ?

"...when quick designers release an album, one more of ignorance on a type sheet is just plain unforgivable!"
-David Miller, owner, artist's Chicago

"With a little regular use on Template Gothic works just fine."
-John L. Lutz, designer, Chicago

"...Illuminates the basic business of the directory between consumer and producer in our society and is better than a veggie burger from the 'N Cafe'!"
-Charles Felt, designer, Los Angeles

"Template Gothic received lots of comments from 30 mg. yet, it's about full to. What's that, you're? It's a designer's nightmare! I don't think it on is more complementary."
-John Baker, designer, Tokyo

PHOTO NOT
AVAILABLE

Barry Deck is not
going to forgive
anyone but me!

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Board International

Informations Bookstore

Antwerp, Belgium

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Cardinals: Avenue

Arkansas, Georgia

Osaka, Japan

Seattle, Texas

Port

San Francisco, California

San Francisco, California

The University of Toronto

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New!

Basehead. PLAY WITH TOYS

Ed 005

Release date: May 1993

Emigre is proud to announce the release of yet another CD that will be difficult to peg down or categorize. Written and produced by Washington DC's Michael K. Ivey, this 9 track, debut album is a virtual exercise in musical restraint. Ivey's soulful guitar and his sparing use of the piano are beautifully measured up against simple bass patterns and a slow hip-hop drum beat. These provide the perfect accompaniment to Ivey's laconic, hypnotic voice. Ivey's lyrics, not meant for the fainthearted, are often hard edged, yet humorous, both provocative and reflective and seldom without social commentary. They deal with the frustrations of life, love and an unrestrained craving for beer. What exactly does it sound like? Imagine sitting in your living room drinking beer, while a combination of Galaxy 500 and Sir La Seal members are casually playing a live set. However, for a more accurate description you'll have to buy this record. But don't say we didn't warn you first.

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Coming Next!